

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A washer, comprising:

a washing tub;

a metal ion adding portion adding antimicrobial metal ions to water in the washing tub;

a treatment substance adding portion adding a treatment substance for washing to the water in the washing tub;

a water flow controlling portion controlling flow of water in the washing tub; and

a control unit that controls the metal ion adding portion, the treatment substance adding portion, and the water flow controlling portion; and

such that
a time measuring portion for measuring time of duration of each period of a
predetermined process in a laundry washing session,

wherein

in the predetermined process, the control unit controls at least one of the metal ion adding portion and the treatment substance adding portion, so that at least one of the metal ions and the treatment substance is added to the water in the washing tub and attached to a surface of laundry in a predetermined process in a laundry washing session,

wherein the control unit controls the water flow controlling portion, such that the
predetermined process includes

first and second powerful swirl periods and a mild swirl period, or

first and second powerful swirl periods and a still period,

the control unit controls the water flow controlling portion based on the time measured by
the time measuring portion, such that

the mild swirl period or still period comes after the first powerful swirl period and the second powerful swirl period comes after the mild swirl period or still period, the second powerful swirl period being shorter than the first powerful swirl period, and

the control unit controls the water flow controlling portion based on the time measured by the time measuring portion, such that the a-time of the predetermined process is longer when metal ions are added than when no metal ions are added but the treatment substance is added.

2. (Canceled)

3. (Canceled)

4. (Previously Presented) The washer according to claim 1,

wherein a ratio of the first powerful swirl period and the mild swirl period or a ratio of the first powerful swirl period and the still period is constant, regardless of a volume of water in the washing tub and/or an amount of laundry.

5. (Previously Presented) The washer according to claim 1,

wherein a ratio of the first powerful swirl period and the mild swirl period or a ratio of the first powerful swirl period and the still period varies in accordance with a volume of water in the washing tub and/or an amount of laundry.

6. (Canceled)

7. (Previously Presented) The washer according to claim 1,
wherein the predetermined process is a final rinsing process.

8. (Currently Amended) A washer, comprising:
a washing tub;

a metal ion adding portion adding antimicrobial metal ions to water in the washing tub;

a detecting portion detecting whether the metal ions have been added to the water in final
rinsing before a squeezing process;

an unbalance detecting portion detecting unbalance in the washing tub;

an unbalance correcting portion correcting the unbalance by agitating inside the washing
tub, and

a control unit that controls the metal ion adding portion and the unbalance correcting
portion,

wherein the control unit controls the metal ion adding portion to add the antimicrobial
metal ions to the water in the washing tub in a predetermined process in a laundry washing
session, and

wherein when the control unit

controls the metal ion adding portion, such that the metal ions are added to the
water in the washing tub in final rinsing before a squeezing process, and

if the unbalance detecting portion detects unbalance in the washing tub during
squeezing rotation of the washing tub performed thereafter, and the detecting portion detects that
the metal ions have been added in the final rinsing, the control unit controls the unbalance

correcting portion and the metal ion adding portion to execute rinsing for correcting uneven spreading of laundry in which, while water having the metal ions added thereto is supplied, agitation is performed.

9. (Canceled)

10. (Previously Presented) The washer according to claim 8,
wherein when the rinsing for correcting uneven spreading of laundry is executed while the water having the metal ions added thereto is supplied, an amount of metal ions added is less than that added in previous processes.

11. (Canceled)

12. (Canceled)

13. (Canceled)

14. (Canceled)

15. (Canceled)

16. (Previously Presented) The washer according to claim 1,
wherein the metal ion adding portion is an ion elution unit that elutes metal ions by
applying a voltage between electrodes.

17. (Currently Amended) A washer, comprising:
a washing tub;
a metal ion adding portion adding antimicrobial metal ions to water in the washing tub;
a detecting portion detecting whether the metal ions have been added to the water in final
rinsing before a squeezing process;
an unbalance detecting portion detecting unbalance in the washing tub;
an unbalance correcting portion correcting the unbalance by agitating inside the washing
tub; and
an informing portion giving an indication and/or notification that water having no metal
ions added thereto is being supplied to the washing tub; and
a control unit that controls the metal ion adding portion, the unbalance correcting portion,
and the informing portion~~information portion~~, such that
the control unit controls the metal ion adding portion to add the metal ions to the water in
the washing tub in a predetermined process in a laundry washing session, and
wherein when the control unit
controls the metal ion adding portion, such that the metal ions are added to the
water in the washing tub in final rinsing before a squeezing process, and

_____if the unbalance detecting portion detects unbalance in the washing tub during squeezing rotation of the washing tub performed thereafter, and the detecting portion detects that the metal ions have been added in the final rinsing, the control unit controls the unbalance correcting portion to execute rinsing for correcting uneven spreading of laundry in which, while water having no metal ions added thereto is supplied, agitation is performed, and

controls the informing portion ~~information portion~~ to give an indication and/or notification that water having no metal ions added thereto is being supplied.